

1938. The obvious end-point, if this theory is correct, is a race of *Z. eurydice* with females having "dog-faces" like *Z. caesonia*. A great amount of natural or controlled breeding will be necessary to substantiate this theory, but the above facts would tend to show that this may be the case.

SOME APHID HOST RECORDS

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This report contains a number of aphid host records not recorded in the Patch "Food plant catalogue of the aphids of the world" (Maine Agr. Exp. Sta. Bul. 393, 431 pp., 1938).

Amphicercidus flocculosa (G.-P.) on *Lonicera utahensis*, Logan, Utah, September 27, 1941.

Aphis chrysothamnicola (G.-P.) on *Chrysothamnus nauseosus* at Wolf Creek Canyon, Utah, July 24, 1945.

A. rociadae Ckl. was infesting *Delphinium glaucum* in Emigration Canyon, Utah, June 21, 1925.

A. eriogoni Cowen. A specimen was found in the stomach of a chipping sparrow collected in Avon Canyon, Utah, August 28, 1941.

A. lugentis Wms. on *Senecio sonnei*, Baker Creek Narrows to the West of Baker, Nevada, May 18, 1940 (Captain T. O. Thatcher).

A. monardae Oest. on *Monarda menthaefolia*, top of Farmington Mt., and at the head of Parrish Canyon in Utah, July 23, 1942; Beaver Mt., Utah, July 10, 1942.

Capitophorus acanthovillus K.-S. was collected on *Chrysothamnus viscidiflorus* var. *stenophyllus*, five miles west of Snowville, Utah, August 6, 1940; on *C. v.* var. *elegans* at Cedar Creek, Utah, August 5, 1941; in rock wren's stomach, Dolomite, Utah, September 28, 1941; on *Chrysothamnus* at Snowwater Lake, Nevada, August 20, 1943.

C. chlorophainus K.-S. on *Chrysothamnus viscidiflorus* var. *lanceolatus* near Rick's Spring in Logan Canyon, Utah, July 4, 1942.

C. elongotus K. on *Chrysothamnus greeni* var. *typicus*, Marys-

vale, Utah, July 12, 1942; and Beaver, August 7, 1942; on *C. pulchellus*, Castleton, Utah.

C. gregarius K. on *Chrysothamnus nauseosus* var. *speciosus*, Logan Canyon, Utah, October 1, 1942; also taken at Floriston, California, July 23, 1944.

C. magnautensis K.-S. on *Chrysothamnus viscidiflorus* subsp. *linofolius* at Randlett, Utah, July 25, 1945.

C. oestlundii K. on *Chrysothamnus nauseosus* var. *albicalis* at Honeyville, Utah; on *C. greeni* var. *typicus* at Joseph, Utah, September 20, 1937 (Knowlton and C. F. Smith; and on *C. nauseosus* var. *speciosus*, Wellsville, Utah, June 26, 1936 (Knowlton and C. F. Smith). Also taken at Montello, Nevada, on August 12, 1929, and Flagstaff, Arizona, September 22, 1944.

C. pycnorhysus K.-S. on *Chrysothamnus viscidiflorus* var. *typicus* at Cove, Utah, July 1, 1941.

C. utensus P.-K. on *Chrysothamnus viscidiflorus* var. *stenophyllus* in Curlew Valley, Utah, June 5, 1943; also collected on rabbitbush at New Plymouth, Idaho, June 17, 1939; and at Wells, Nevada, August 20, 1943.

Kakimia polemonii (G.-P.) was extremely abundant on and damaging *Polemonium albiflorum* at Monte Cristo, Utah, July 21, 1942, and on top of Farmington Mt., Utah; on *P. speciosum*, Mt. Timpanogos, Utah, July 26, 1942.

Macrosiphum thermopsaphis K. on *Thermopsis montana* at Monte Cristo, July 18, 1939, and Beaver Canyon, in Utah, July 10, 1942.

M. albifrons Essig on *Lupinus lumicola* on Antelope Flat, Ashton, Idaho, July 30, 1936 (T. O. Thatcher).

M. gaurae Wms. In lizzard stomach, *Uta stansburiana stansburiana* (B.-G.), at La Sal, Utah, July 26, 1932, and on *Oenothera* in Kanosh Canyon, Utah, July 28, 1940.

M. sporadicum K. on *Chrysothamnus nauseosus* var. *albicalis* on foothills of the Wellsville Mts., north of Brigham City and in Brigham Canyon, Utah, August 5, 1941.

M. stanleyi Wilson on *Sambucus callicarpo*, Puyallup, Washington, August 14, 1936 (W. W. Baker).